



New Jersey Department of Environmental Protection

NOTICE OF VACANCY

Posting Number: JT04-2015

| (X) DIVISION/PROGRAM | (X) DEPARTMENT | (X) STATEWIDE |
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| TITLE: Research Scientist 2 | | SALARY: (P28) \$70,903.32 - \$101,039.55 |
| OPENING DATE: August 19, 2015 | | CLOSING DATE: September 2, 2015 |
| EXISTING VACANCIES: 1 | | WORKWEEK: NL |
| PROGRAM/LOCATION: | DEPARTMENT OF ENVIRONMENTAL PROTECTION Division of Science, Research, and Environmental Health 428 East State Street Trenton, NJ 08625 | |

DESCRIPTION: Under general supervision of a Research Scientist 1 or other supervisory official in a state department, institution, or agency, conducts research projects or participates in functional programs in a specified professional field; assumes appropriate administrative and scientific duties as delegated; heads complex projects and makes recommendations to the supervisor; does related work.

SPECIFIC TO THE POSITION: Provide statistical and technical support to the Division and Departmental programs involving the design of environmental studies, data interpretation and data analysis. Perform environmental data analysis and interpretation and prepare reports on the results. Analyze pre-existing environmental data bases. Review and critique reports on environmental contamination, participate in regulation development for contaminants.

PREFERRED SKILL SET: Familiarity with applied and theoretical statistics, probability, estimation, hypothesis testing, Bayesian methods, multivariate methods, experimental design, statistical modeling, nonparametric and resampling methods, statistical software including SAS and R, methods for analyzing data with right and left censoring, spatial and time dependent statistical methods, ability to write programs in SAS or R to read data in various formats, detect errors in data records, transform variables, restructure a database and output data or results in different formats. Experience with statistical analysis of data involving natural and environmental resources (e.g. water, soil, air, sediment, or tissue). **NOTE:** Special consideration will be given to those candidates who possess a Master's degree in Statistics or a related field/Ph.D. or equivalent doctorate.

REQUIREMENTS:

Education: Graduation from an accredited college or university with a Master's degree in a discipline appropriate to the position.

Experience: Three (3) years of full-time experience in a field appropriate to the position. **NOTE:** A Doctorate in a discipline appropriate to the position may be substituted for two (2) years of experience indicated above.

License: Appointees will be required to possess a driver's license valid in New Jersey only if the operation of a vehicle, rather than employee mobility is necessary to perform the essential duties of the position.

RESIDENCY: Pursuant to N.J.S.A. 52:14-7(L. 2011 Chapter 70), also known as the New Jersey First Act which became effective September 1, 2011, all persons newly hired by the NJDEP on or after that date shall have one year from the date of employment to establish, and then maintain, principal residence in the State of New Jersey. New Jersey state employees hired prior to September 1, 2011 who transfer from within the NJDEP or from another State of New Jersey appointing authority without a break in service greater than 7 days but who reside outside the State of New Jersey are not required to change their principal residence to New Jersey in order to comply with the act.

AUTHORIZATION TO WORK: Selected candidates must be authorized to work in the United States according to the Department of Homeland Security, United States Citizenship and Immigration Services Regulations. Note: The State of New Jersey does not provide sponsorships for citizenships to the United States.

NOTE: Interviews will be afforded based on the cover letter, resume and credentials submitted in response to this notice.

SCOPE OF ELIGIBILITY: Open to candidates who meet the above requirements.

SUBMIT LETTER OF INTEREST, RESUME AND E-MAIL ADDRESS TO:

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